UGIMA®-X
Unrivalled machinability for peace of mind
UGIMA®-X:

You enjoy unrivaled performance

› Productivity increases of 10 to 20% compared to UGIMA® grades
› Optimized cycle time
› Longer tool service life
› Improved chip breakability

You can improve your process reliability

› Performance reproducibility from one batch to another.
› UGIMA® 4.0 automated process control.
› Component cost reliability.
3 UGIMA®-X grades

**UGIMA®-X 4404**
+20% productivity increases compared to UGIMA® 4404 and higher than UGIMA® 4404 HM

**UGIMA®-X 4305**
+15% productivity increases compared to UGIMA® 4305 and higher than UGIMA® 4305 HM. Better corrosion resistance, less risk of cracking and suitable for thin-walled parts.

**UGIMA®-X 4307**
+10% productivity increases compared to UGIMA® 4307 and suitable for thin-walled parts.
UNRIVALLED MACHINABILITY FOR PEACE OF MIND

30 years of Technical Assistance

3 years of development work

2,000 tons of products produced

3,000 hours of tests

50 tons of chips
Substantial savings from small to large production runs

Tool life according to cutting speed

Case Study

<table>
<thead>
<tr>
<th></th>
<th>UGIMA® 4305</th>
<th>UGIMA®-X 4305</th>
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</thead>
<tbody>
<tr>
<td>Material cost per component (€)</td>
<td>0.89</td>
<td>0.91</td>
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<tr>
<td>Cycle time / component (second)</td>
<td>65</td>
<td>56</td>
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<tr>
<td>Productivity (component/hour)</td>
<td>55.4</td>
<td>64.3</td>
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<tr>
<td>Machining cost (€/component)</td>
<td>0.81</td>
<td>0.70</td>
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<tr>
<td>Tooling cost (€/component)</td>
<td>0.06</td>
<td>0.06</td>
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<tr>
<td>Total component cost (€)</td>
<td>1.76</td>
<td>1.67</td>
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<tr>
<td>Savings per component (€)</td>
<td></td>
<td>0.09</td>
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<tr>
<td>Duration of the production run in days</td>
<td>0.75</td>
<td>0.65</td>
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<tr>
<td>Savings in €/kg</td>
<td></td>
<td>0.49</td>
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</tbody>
</table>

UGIMA®-X: +15% productivity
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